

NORTHWEST MISSOURIAN

NORTHWEST MISSOURI STATE COLLEGE

VOL. 47—NO. 27

August 2, 1961



MISS WILLIAMS' FIRST GRADE—Sitting: Teresa Twaddle, Carol Wells, Debra Shell, Diane Moyer, Debbie Dunshee, Allison Fisher. Girls Standing: Sharon Lawrence, Marcia Martin, Cindy Gaugh, Chris Foster, Cindy Pray. Back Row: Mrs. Allee, Miss Williams, Bryan Koerble, Ralph Holaday, Tim Bixler, Mark Robbins, Terry Miller, Jimmy Pierce, Donnie McDonald, Scott Wilson, Paul Ward, Walter Mutz, Miss Shay, Mrs. Karsten, Mrs. Kunkel.

First Grade Blasts Off Into A World of Study

Rockets—satellites—4,3,2,1—the age of space comes alive to first-graders! Under the direction of Miss Harriett Williams at Horace Mann Laboratory School, these small students have made an extensive study of the topic of space and space travel.

Originator of the unit was student teacher, Mrs. Verla Christensen, who was assisted by other student teachers, including: Miss Rita Shay, Mrs. Jennie Atchison, Mrs. Leona Giffin, Mrs. Lucille Kunkel, Mrs. Marie Allee, Mrs. Floreta Karsten, Mrs. Avis Wagers, and Mrs. Violet Stewart.

This unit is a combination of both science and social studies in which the class is trying to decide whether or not "Daddys are important." They began by studying their different fathers' jobs and gradually developed the idea that their own work in summer school was important and finally developed the idea that it is important to work together—as in the building of rockets!

When they started studying space, they divided its elements into two categories: those things which God made, such as the sun, moon, and stars; and those things which man made, such as telescopes, space ships, and satellites.

In the course of their study, students and teachers have made up songs, such as one song, "Rocket Ship", to be sung to the tune of "Twinkle, Twinkle, Little Star." All around the first-grade room are charts for reading purposes which contain facts about the different elements needed for space travel. Each student has a booklet of the information on the charts. They have also had stories on all phases of science and nature, a study in actual telescopes and in technological words.

Prior to the building of their big rocket, the students made individual miniature rockets. After completion of the rocket, they plan to build satellites.

Interrelated in the project have been skills such as reading, writing, art, and numbers in relation to measurements, distances, and times—such as the time it would take to get to "space and back."

At the end of the unit, a brunch will be given for the

(Continued on Page Four)

Students Study By Teaching in Many Areas

Seventy-five Northwest Missouri State College students are placed in student teaching positions during the summer session. The following is the list of the student teachers from NWMSC.

At Horace Mann there are 61 student teachers.

Miss Kathryn McKee is the supervisor of the nursery school and kindergarten. The student teachers are Mrs. Nina Runyon, Mrs. Anna C. Parsons, Mrs. Margaret Kurz, Mrs. Virginia Buckley, Mrs. Anne Sifers, Miss Maro Anthan, Mrs. Marjorie Groom, and Mrs. Phyllis Herbster.

Miss Harriett Williams is the supervising teacher of the first grade. Student teachers are Miss Rita Shay, Mrs. Verla Christensen, Mrs. Lucille Kunkel, Mrs. Floreta Karsten, Mrs. Marie Allee, Mrs. Jennie Atchison, Mrs. Violet Stewart, Mrs. Avis Wagers, and Mrs. Leona Giffin.

Supervising teacher of the second grade is Miss Neva Ross. The student teachers are Miss Eleanor Sharp, Mrs. Rose Findley, Mrs. Ann Curnutt, Mrs. Violette Harrington, Miss Carol Devereaux, Mrs. Violet Hanks, and Mrs. Waive Shields.

The third grade supervisor is Mrs. Shela Moss. Mrs. Esther Miller, Mrs. Eleanor Harriss, Mrs. Bernice Streu, Mrs. Mary Lewis, Mrs. Helen Rush, and Mrs. Ethel Price are the student teachers.

Mrs. Esther Knittl is the supervising teacher of the fourth grade. Student teachers are Mrs. Irene McKee, Mrs. Lida Rule, Mrs. Evelyn Mahar, Mrs. Rubye Mercer, Mrs. Elizabeth Long, Mrs. Evelyn Frazier, Mrs. Eldora Rogers, and Mrs.

(Continued on Page Two)

SNEA Announces Next Year's Calendar

1961-1962 Program for Student NEA

Registration and Membership Drive, September 6-8 (during Orientation) and 12 (registration)

Wednesday, September 13, Deck Party—Union Building; social hour

Wednesday, September 27, Puppet Show—"Introduction to SNEA"—Lounge

Wednesday, October 11, Pledging Ceremony—Dr. Thate, "Invitation to Teaching"—Lounge

October 12-13—District Teachers Meeting and PTA-SNEA District Meeting Oct. 13 Lounge

Wednesday, October 25, Halloween Party, Horace Mann Lunchroom.

November 1-3, State Convention in St. Louis, Missouri

November 8, Wednesday—Reports of delegates to convention; plan Christmas party, NEA film

November 13-18—midterms November 22—Thanksgiving vacation begins at noon

Wednesday, December 13—Christmas Party—Union Lounge

Wednesday, January 10—Mock interview for securing a job—Mr. Brown—Gold Room February 7—Annual SNEA Tour to neighboring high schools to present assembly program

Wednesday, February 14—Valentine party for members and College faculty

Wednesday, February 28—Election of officers—humorous film strip

Wednesday, March 14—Panel of former SNEA members—"Things They Didn't Tell us!"

Wednesday, March 28—Midterms

Monday, April 9—Seventh annual conference for FTA-SNEA members from Northwest Missouri and Southwest Iowa

Wednesday, April 11—Talent Show—Connie Stoops

Wednesday, April 25—Panel of foreign students who will tell about education in their country

Wednesday, May 9—Annual banquet honoring graduating seniors

Pastor to Address Grads

Spring Grads Are Placed In Various Jobs

Spring grads who have been placed in teaching positions are:

Secondary Education: Long, Leland M. — Craig, Missouri; Palumbo, Luke T. — Belton, Missouri; Ackley, Myla L. — Davenport, Iowa; Allen, Barbara J. — Craig, Missouri.

Anderson, Jack F. — Walker, Iowa; Barker, Paul L. — Villisca, Iowa; Barrett, Elender H. — Denver, Colorado; Beason, Mary K. — Denver, Colorado; Beezley, Sally R. — Sheridan, Missouri.

Beger, Barbara J. — St. Joseph, Missouri; Benner, Larry G. — Wentzville, Missouri; Billingsley, Sarah A. — St. Joseph, Missouri; Bjorn, Jeanette K. — Lawson, Missouri; Bollinger, Edward L. — Braymer, Missouri.

Boner, Carolyn J. — Grandview, Missouri; Bregin, Rita M. — Maryville, Missouri; Brink, Rolla A. — Denver, Colorado; Burgett, Rex C. — Jewell, Iowa; Burns, Gary L. — Pocatantas, Iowa.

Burrell, Dolleta K. — Bethany, Missouri; Carrizales, Pedro — Faucett, Missouri; Chambers, Sheryl L. — Keokuk, Iowa; Clemens, Lois S. — Savannah, Missouri; Combs, Don D. — Prescott, Iowa.

Cowen, Sharon S. — Chillicothe, Missouri; Crider, Garrie L. — Wathena, Kansas; Crowell, Harry W. — St. Joseph, Missouri; Cummins, Kenneth W. — Gurrier, Iowa; Dittmore, Ronnie D. — Anita, Iowa.

Dougherty, Darrell D. — Wentzville, Missouri; Dowell, George F. — Maryville, Missouri; Drake, Douglas D. — Plattsburg, Missouri; Duckworth, Delila E. — Denver, Colorado; Durham, William F. — Hamburg, Iowa.

Elswick, Sheila L. — Lakeview, Iowa; French, Larry E. — Stewartville, Missouri; Gibson, Joyce A. — Maitland, Missouri; Gillis, Marilyn J. — Denver, Colorado; Gladson, William M. — Manville, Iowa.

Gildewell, Larry O. — Denver, Colorado; Gould, Robert R. — Denver, Colorado; Gress, Bobby G. — Westside, Iowa; Hall, Virginia R. — Brooklyn, Iowa; Harris, Mary E. — Hardin, Missouri.

Hawkins, C. Kay — Kansas City, Kansas; Hoffman, Cecile A. — Albany, Missouri; Jests, Ruth A. — Smithville, Missouri; Johnson, Joe W. — Saratoga, Wyoming; Keim, Roy L. — Grand Haven, Michigan.

Kuenzi, Edward H. — North Kansas City, Missouri; Laidley, Larry L. — Raytown, Missouri; Larsen, Virgil E. — Rosendale, Missouri; Lippincott, William R. — Grurier, Iowa; Logan, Patricia J. — Maitland, Miss.

(Continued on Page Three)

The Rev. Robert H. Ceperley, pastor of the First Presbyterian Church in Maryville will speak August 9 at the NWMSC summer commencement exercises.

The Rev. Ceperley's topic "A Mess of Pottage" will be addressed to an estimated 149 graduating seniors in the College Memorial Stadium.

The candidates also will be honored at a senior breakfast in the morning and a reception in the afternoon.



Rev. Robert Ceperley

'Stage Door' Will Be Presented Thursday

The 1961 Summer production "Stage Door" by Edna Ferber and George Kaufman will be presented Thursday, August 3, at 8 p.m.

The comedy is being directed by Max Buckner, a senior speech major from Mt. Ayr, Iowa, under the supervision of Dr. Ralph Fulsom, chairman of the speech and drama department.

Activities tickets may be used. General admission is \$1.00.

Milan Dady to Receive Ed. D. Degree at Nebr.

Mr. Milan Dady, Education, will receive an Ed. D. degree from the University of Nebraska Aug. 4.

Mr. Dady passed his oral examination July 24.

He received his B.A. from Kearney State, Kearney, Neb., his home town. He has been with NWMSC since 1959.

Fall Out Protection To Be Built in Dorms

New dormitories will be provided with fall out shelters, according to President J. W. Jones—shelters designed to meet federal specifications.

Each will handle at least the number of student sliving in the building, if not more under emergency conditions.

Other basement rooms on campus could be made into shelters in a short time it was reported.

NORTHWEST MISSOURIAN

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Richard Wiederholt Sports Editor
Marlene Hizer Feature Writer
Shirley Palla Feature Writer
Sharon Cowan Feature Writer
Karen McClurg Mail Circulation
Jerry Tasler Local Circulation
Ivan Lyddon Photographer

THE COLLEGE OATH

"We will never bring disgrace to this, our College, by any act of cowardice or dishonesty. We will fight for the ideals and sacred things of the College. We will revere and obey the College laws and do our best to incite a like respect and reverence in others. We will transmit this College to those who come after us, greater, better, and more beautiful than it was transmitted to us."

For Eggheads and Others . . .

Comprehensive Examinations

As if there haven't been enough pop tests and examinations thus far this year, I have compiled a short list of questions designed to test your logic. They are quite simple, and if you enjoy them, I shall submit to all professors the idea for adopting such logical questions in any forthcoming exams they may have in mind. There are nine questions which should take a maximum of two and one half minutes to answer.

1. You go to bed at eight o'clock in the evening and set the alarm to get up at nine in the morning. How many hours of sleep would this allow you?
2. How many birthdays does the average man have?
3. Why can't a man living in Miami, Florida, be buried west of the Mississippi?
4. If you had only one match and entered a room where there was a lamp, an oil heater, and some kindling wood, which would you light first?
5. How far can a dog run into the woods?
6. A woman gave a beggar 50 cents. The woman is the beggar's sister, but the beggar is not the woman's brother. Why?
7. One month has 28 days. Of the remaining 11 months, how many have 30 days?
8. Two men play five games of chess, and each wins five games. How come?
9. There is a house with four southern exposures; there is a bear running toward the house. What color is the bear?

Answers

1. One hour, because the alarm will ring an hour after you set it.
2. One—the average man, every man is born only once and so has only one birthday.
3. He is still alive, so he cannot be buried anywhere.
4. The match.
5. Halfway. After that, he is running out of the woods.
6. The beggar is a woman.
7. All the other 11 months have at least 30 days.
8. They are not playing each other.
9. White: a polar bear. The house must be at the North Pole to have four southern exposures.

Lose Listless Letters

Entirely too much paper is being wasted these days because of the tendency of college students to be lengthy to a degree in writing class notes, letters, and messages to classmates. The whole situation could be neatly disposed of if people would only make use of abbreviated forms. Here are some examples which will save much time and energy.

1. Remove all "e's" and "a's" from your written vocabulary:

Dr Mom nd Dd,

This collge lif is simply swll. Ll th profssors r grnd nd vry hlpful. Thy lwys tll such grt storis in clss nd go out of thir wy to trt ch nd vry on of us with th grtst concern. Thy r lwys clmn nd undrstrnding, vn whn on mks ny smll sitk in chmisstry clss, such s I did ystrdy whn I blw up th lb whil doing n xprimnt. Pls writ soon nd snd mony for bil.

Vry Truly,

2. Now that you are out of the habit of using nasty old "e's" and "a's", cut out "s's" and "t's" also. There are entirely too many of the darned things anyway.

- a. "hi i h for primvl"—Longfellow
- b. "I i ur o b drk if you hu your y"—J. Ray
- c. "hough hi b mdnss, y hr b mhd in"—Shakespeare

Answers:

- a. This is the forest primiveal.
- b. It is sure to be dark if you shut your eyes.
- c. Though this be madness, yet there be method in't.



Did You Know

Coed: An abbreviated form.

Semester: The pointing out, or calling attention to an instructor who does not have his doctorate, but is only a mes-ter.

Education: A feeble attempt to organize disorganization.

Freshman: Censored by editor of Northwest Missourian. See author for a full statement.

Fine Arts: A group of gentlemen named Art who are very well thought of.

Animal Husbandry: A study of finding suitable husbands for female animals.

English Composition: The characteristic attitude of the British who usually maintain a calm position against overwhelming odds.

Mathematics: A study of why maths get into attics. Maths also get into wool clothes but usually only in the summer.

Economics: Icky comics which are not terribly funny.

Speech: A good-looking coed, as opposed to one who is not a peach.

First Aid: A staid fir tree.

Anatomy: A common interjection when a gnat lands on ones' person.

Students Study

(Continued from Page One)
Blanche Aarbaugh.

The supervising teacher of the fifth grade is Miss Virginia George. The student teachers are Mrs. Edna Wade Logan, Mrs. Mildred Wray, Mrs. Louise Childers, Miss Mary Damewood, Mrs. Gertrude Conrad, Mrs. Betheen Gould, Mrs. Mary Wright, Mrs. Nell Tanner, Mrs. Millie Ward, and Mrs. Ruth Bingman.

Sixth grade supervisor is Mrs. Avis Graham. The student teachers are Mrs. Elizabeth Bennett, Mr. John Currutt, Mrs. Virginia Hagan, Mrs. Blanche Shipley, Mrs. Mary Ellen Kimble, and Mrs. Mary Olson.

Miss Paula Parks is the junior high supervising teacher. Mr. Leslie Hurst, Mr. Danny Sims, Mr. George Clayton Wood, Mr. Jerry Perkins, and Mr. Donald Lyle are the student teachers.

Two students are student teachers in swimming. They are Mr. Ned Kuenzi and Mr. Ken Sanders. Their supervisor is Miss Bonnie Magill.

At Chillicothe the student teachers are Mrs. Rose Ann Carpenter and Miss Carrie Josephine Greenwood.

Mr. Carl Cramer is student teaching at North Kansas City.

St. Joseph claims 11 student teachers from NWMSC. Mrs. Carolyn Ann Anderson, Mr. William I. Hann, Mr. Leland Myrl Long, and Mr. Ronnie J. Valline are at St. Joseph Junior College. At Central High School are Mr. Gary Lee Clifton, Mrs. Carol L. Cutler, and Mrs. Jean Francisco.

They Said It Could Be Done

They jeered when Galileo climbed the Leaning Tower of Pisa to drop two iron balls of unequal weight. . . . they scoffed when Newton, that "crazy mathematician," saw the universe in the fall of an apple. . . . they snorted with derision when Louis Pasteur announced his theory of vaccination.

"They," of course, are the doubting Thomases, who have cried "it can't be done" to each significant discovery down through the ages.

Archimedes was one of the first scientists to do what "couldn't be done." When the Roman fleet besieged his native city of Syracuse, King Hiero asked Archimedes to devise a defense. The scientist said he could remove the ships by applying his theory of levers and pulleys. Hiero found it hard to believe, but all Syracuse was amazed when Archimedes' iron grappling hooks, attached to pulleys, descended upon the Roman ships and lifted them like toys.

Copernicus, who had the crazy notion that the earth was round and revolved around the sun, was a satirical target for 16th century Mort Sahlis. They were hired as clowns to go about the villages and burlesque his astronomical studies. They'd point out the immovable earth and the moving sun to the crowd, and then impersonate the "fool" who against all "rhyme and reason" maintained that the earth moved and the sun stood still.

When Isaac Newton saw an apple fall to earth and developed his theory that the heavenly bodies moved in accordance with laws of gravity, the leading scientists of his day called the idea "outlandish"—one said, "This crazy mathematician will not have twenty followers in his lifetime." The estimate proved somewhat conservative.

Galileo had a theory that two different weights released simultaneously from the same height would fall to the ground at the same time. The professors said this was ridiculous and decided to disgrace him publicly. They compelled him, in the presence of the entire student body and faculty of the University of Pisa, to expose his "stupidity." Galileo accepted the challenge. There was a shout of derision as he released a ten-pound iron ball and a one-pound ball simultaneously from the tower. But when the two balls hit the ground at the same time, the jeers turned to amazement.

Antoine Laurent Lavoisier, the acknowledged father of modern chemistry, invented a table of chemical elements, which a few of his contemporaries scorned as "presumptuous" and "absurd." But he lived to see his theory win universal approval.

Another famed French scientist—Louis Pasteur—was challenged to risk death for his ideas. One day he was expounding his belief that a person would be immunized against the violent form of a disease by inoculation with a mild form of that disease. When the learned members of the Paris Academy of Medicine savagely attacked his belief, Pasteur accused them of stupidity. One Dr. Jules Guerin made a rush at Pasteur, was held back by a friend, and the assembly was in an uproar. The next day Guerin challenged Pasteur to a duel, but the latter replied, "My business is to heal, not to kill."

Charles Proteus Steinmetz was one of these few fortunate scientific geniuses who heard the happy words: "We KNOW you can do it, so go ahead and DO it!" He arrived in this country broke and friendless. He got a job with an electric company. Three years later, his experiments in electric current had brought the chairman of the company to say: "This man isn't cut out to be an engineer. He isn't a toolmaker, but a law-giver in the class of Newton." Steinmetz was then told: "Here is our entire plant. Do anything you want with it. Dream all day if you wish. We'll pay you for dreaming." The mental giant proceeded to formulate the basis of modern industrial electricity. Once he invited some reporters to a demonstration and told them, "I have invented lightning!" In his laboratory they saw a high generator, and a miniature village spread before them. Steinmetz turned on the vacuum tubes. There was a hum and glow and then a terrific crash. A zig zag flame broke over the village, and when the smoke had cleared, the houses were a heap of ruins. Steinmetz told his astonished audience, "Incalculable is the power of electricity to destroy, when wielded by a foolish hand. . . . But equally incalculable when wielded by a wise hand is the power of electricity to build."

Galileo with his iron shot. . . . Newton and his falling apple. . . . Steinmetz and his monster generator—they all stuck to their belief that it "could be done."

It's worth noting, isn't it, that they did it?

The student teachers at Sherwood Elementary School in St. Joseph are Mrs. Lynne E. Hall, Mrs. Margaret E. Osborn, Mrs. Helen H. Ritchie, and Mrs. Elsie M. Skaith.

FOR RENT
MODERN APARTMENT

ENTIRE UPSTAIRS

Reasonable

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Spring Grads

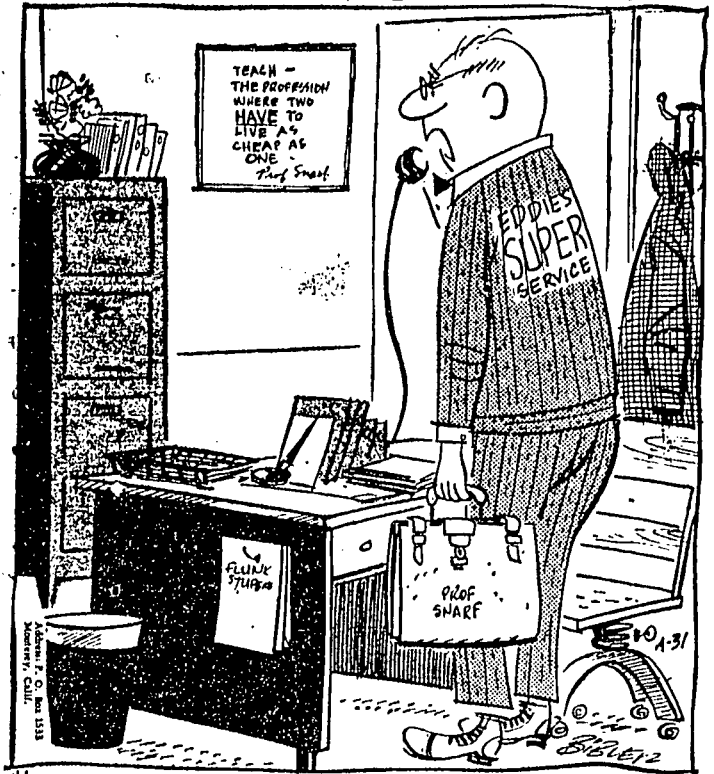
Continued from Page 1

souri.
Lynch, Nancy H. — Griswold, Iowa; Mark, L. Diane — Coon Rapids, Iowa; McCowen, John W. — Melbourne, Iowa; McGinness, Francis L. — Topeka, Kansas; Mendenhall, Jack J. — Leon, Iowa.

Mitchell, Robert A. — Plattsburg, Missouri; Morgan, Richard L. — Stanton, Iowa; Myers, Ronald E. — Forest City, Missouri; Newcomer, Alice J. — Walled Lake, Michigan; Nixon, Rae A. — Hannibal, Missouri.

O'Day, Thomas G. — Puerto Rico; Patience, Carolyn J. — Panora, Iowa; Patton, Lois J. — Denver, Colorado; Pittham, William G. — St. Joseph; Pols- (Continued on Page Three)

LITTLE MAN ON CAMPUS



Spring Grads

(Continued from Page Two)

ley, Deloris E. — Omaha, Nebraska.

Porter, Samuel E. — Rock Port, Missouri; Prichard, Mary E. — Albert City, Iowa; Riley, Donald G. — Cumberland, Iowa; Robison, Evelyn L. — Des Moines, Iowa; Samson, Claude G. — New Bloomfield, Missouri.

Saville, George L. — Breckenridge, Missouri; Shipley, Anna F. — Coon Rapids, Iowa; Sims, Harold D. — Correctionville, Iowa; Skoglund, Sonja K. — Walled Lake, Michigan; Slusher, Judith A. — Hopkins, Missouri.

Smith, Harley R. — Maitland, Missouri; Swaney, Gary D. — Red Oak, Iowa; Swinney, William G. — College Springs, Iowa; Templeton, Dorsey D. — Denver, Colorado; Thornton, Carol L. — Macon, Missouri.

Timmerman, Lonnie D. — Greenfield, Iowa; Vollstedt, Darlys R. — Hartford, Iowa; Wake, Bruce R. — St. Joseph; Walker, Lloyd L. — Conception Junction, Missouri; Weed, Leroy G. — Battle Creek, Iowa.

Wheeler, James H. — Denver, Colorado; White, Robert L. — Booneville, Missouri; Whit-ed, Bennie H. — Oregon, Mis-souri; Williams, Betty A. — Maryville, Missouri; William-son, Julia S. — Noreatic, Kan-sas.

Winchester, Harley V. — Maryville, Missouri.

B.S. in Education El-Sec. Music: Anderson, Victor L. — Clarinda, Iowa; Blezek, Jane A. — Leon, Iowa.

BS. in Education, Elementary: Adams, Mary E. — Grand Junction, Iowa; Birkenholz, Mary E. — Ravenwood, Mis-souri; Burgess, Barbara M. — North Kansas City; Canter, Lu-cille O. — St. Joseph, Missouri.

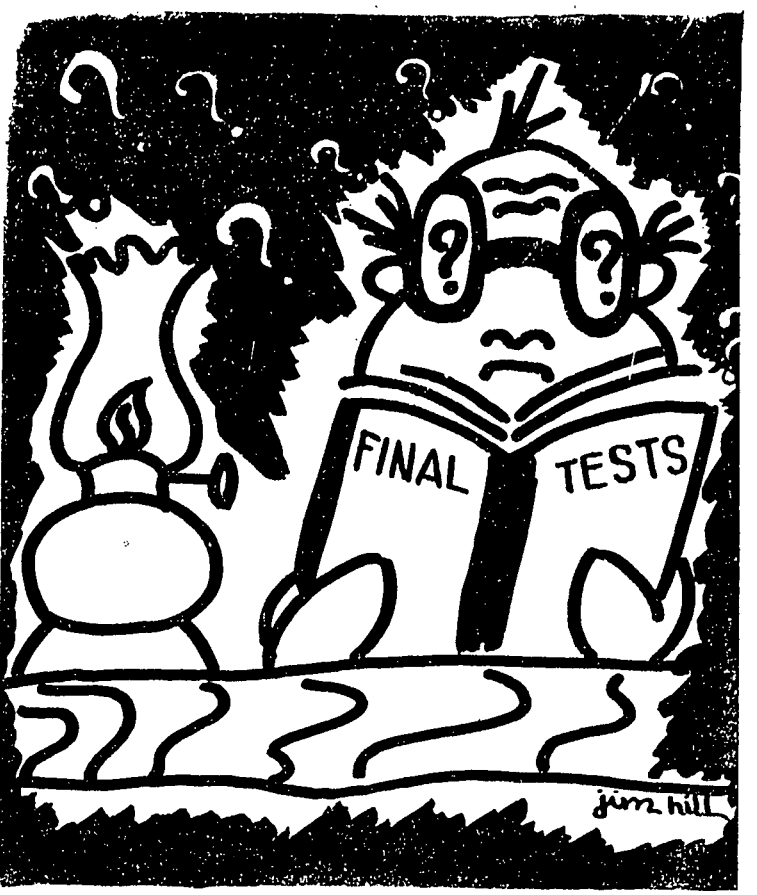
Cary, Ida M. — Omaha, Neb-raska; Christensen, Marlene—Manilla, Iowa; Cochran, Shar-on K. — Des Moines; Creal, Helen F. — Topeka, Kansas; Curd, Anna A. — Mehlville, Missouri.

Eilts, Jan A. — Omaha, Neb-raska; Euler, Emmett W. — New Point, Missouri; Fellows, Jane C. — Greenfield, Iowa; Francis, Bessie M. — St. Jo-seph, Missouri; Frizzell, Mar-ilyn L. — North Kansas City, Missouri.

Heinz, Janice L. — North Kansas City, Missouri; Humph-reys, Peggy J. — Ames, Iowa; Johnson, Diane K. — St. Jo-seph, Missouri; Johnson, Helen L. — Denver, Colorado; John-son, Stephanie — Sheffield, Iowa.

Kemmer, Patricia M. — St. Joseph, Missouri; Kurtz, George R. — Canton, Ohio; Laidley, Mary J. — Raytown, Missouri; Leckenby, Emily C. — Omaha, Nebraska; Leslie, Peggy A. — Glenwood, Iowa.

Lowry, Carolyn D. — Bur-



Select Scientists Summit

Will it be possible to eliminate all germ-caused diseases from the face of the earth? Will our grandchildren, or great-grandchildren live 120, 150 or 160 years?

When our planet becomes overcrowded (population rises approximately 254,950 daily) will it be practical to devote all land areas to growing crops, while homes, offices and factories are moved to sea in floating cities?

Can electronic devices be made to pick up, miles away, the tiny electrical impulses constantly discharged by each human brain?

What kind of exotic fuels will rocket man to the moon, to Mars, to Venus and to space beyond?

The answers to these questions—and others, equally intriguing—will be a step closer to solution this year when the world's top scientists complete their annual off-the-record meetings at three isolated sites in New Hampshire.

Attendance at these scientific "summit" meetings called the Gordon Research Conference is restricted to men who are internationally recognized as the top experts in their fields. The select few, whose applications are accepted to attend this parley of the scientific elite, come from university, government and industry laboratories all over the world. Throughout the summer, there are 36 five-day conferences — 12 at each of the three secluded New Hampshire sites — and about 100 scientists participate in each conference.

Because reporters may not report what's actually said at the sessions and because the thoughts of scientists are so complex that it would be hard to explain them in a newspaper or magazine article, few people outside scientific circles know about the Gordon Research Conferences.

Still, because the scientists who attend are all grandmasters of basic research, the things they talk about and the ideas and theories they create will lead to advances in living that will make headlines for years to come.

To understand how the conference this year will affect our lives in the future, it's necessary to distinguish between "basic research", the specialty of these pioneering scientists, and "applied research", which is a different aspect of science.

The latter is simply the search for new products of new methods that can be developed through the use of existing know-how and materials. If the objective is to come up with something that will sell — a new or improved process or manufacturing technique — it's applied research.

Basic research, on the other hand, is the search for fundamental truths—basic principles—without concern as to whether the principles can ever be put to practical use.

Final Examinations Schedule

August 7, 8, 9

7:30	Monday	9:50—11:50
8:40	Tuesday	9:50—11:50
9:50	Wednesday	7:30— 9:30
11:00	Tuesday	1:00— 3:00
12:30	Monday	1:00— 3:00
1:40	Monday	7:30— 9:30
2:50	Tuesday	7:30— 9:30

lington Junction, Missouri; Mc-Elfresh, Mary L. — St. Joseph, Missouri; Ochse, Norma D. — Helena, Missouri; Odell, Carol K. — Omaha, Nebraska; Parks, Barrie K. — Des Moines, Iowa.

Rea, Nancy V. — Denver, Colorado; Reinert, Pat J. — Denver, Colorado; Seidt, Marcia L. — North Kansas City, Missouri; Snell, Robert F. — Ottumwa, Iowa; Thompson, Glada J. — Savannah, Missouri.

Turner, Linda I. — Council Bluffs, Iowa; Warner, Sharii L. — Marshalltown, Missouri.

Those going on to graduate school are:

Anders, Joseph D.; Cramer, Robert D.; Fine, Richard R.; Hayes, Phillip H.

Lunsford, Garry L.; Ross, Robert P.; Sellers, Linda F.; White, Marilyn P.

Those placed in positions other than teaching include:

Bryan, Gerald F. — Bureau of Internal Revenue; Haner, David R. — Social Security; Horner, William F. — Internal Revenue; March, David F. — Revenue Agent.

Popp, Richard L. — A.T.&T.; Tock, James F. — six months service; Anderson, Wayne E. — Phillips Oil Company; Barten, Jerald J. — Service; Clark, Laurence E. — Social Service.

Elliott, Ronald D. — Social Security; Elliott, Russell W. — Social Security; Lasley, Jack L. — Dean of Men, NWMSC; Raney, Marian L. — Federal Government.

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HOTCHKINS STATIONERS

Returning Lettermen Have Been Listed

Mr. Earl Baker, NWMSC football coach, states that without six outstanding players of the 1960 team, the squad will have to struggle to keep up this fall.

The graduation of six starters of the 1960 MIAA conference third-place team will leave hard-to-fill gaps this fall according to Baker. Those players are Dorsey Templeton and George Weed, tackles; Ron Ives and Jack Lasley, ends; and Ken Sanders and Maurice Fulton, backs. Templeton, Ives and Sanders were first team all-conference selections at the close of last year's season.

Baker will issue 50 invitations for the first practice, August 28. Included in the list will be several incoming freshmen.

"I don't know how good the freshmen are or how definite their enrollments are," he stated.

Baker will have only three weeks to whip his team into shape before their first test against Northern Illinois State University at Normal on September 16. The Illinois team is new to the Bearcat schedule, replacing Bemidji, Minnesota State, the opening foe for the Bearcats last year.

Four non-conference tilts are on tap before the NWMSC grid-ers begin MIAA competition October 14 against the Rolla Miners on the local gridiron.

Last season the NWMSC grid team notched a 5-4 record—the first winning slate in several years—in Baker's first season as head coach. He came to Maryville from Cameron High School where he compiled an outstanding record.

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For men only

Taming the Tender Gender

The first thing a man should get straight is that they're people too. Though their voices are high-pitched, their muscles undeveloped, and the way they throw a ball downright peculiar, — women are human beings. Take flattery, for instance.

They eat it up, and the same basic brand of blarney feeds both male and female egos. The male flatterer, of course, sometimes wonders how the woman being flattered can believe what he's telling her. But she can . . . readily.

To give her a bigger boost than a pair of three-inch heels, ask her advice — and sometimes take it. Does she like your tie? If not, never wear it again — with her. Does she think you should take another job? She'll be flattered that you trust her judgment — if you do.

But don't ask a homemaker (never say housewife) what she's been doing all day. The question implies she has a lot of free time. Never tell a girl she looks better now, without a lot of make-up. Men aren't supposed to notice make-up — only beautiful hair-dos, fashionable dresses and haunting perfume.

If you enjoy fishing or boating or some other sport considered out-of-bounds for the female, offer to take her along sometime. It will be novel for her, and she'll be delighted that you prefer her company to that of the gang of fellows.

When you compliment her intelligence, as you should do often, don't say "You know a lot about politics — for a woman." And keep away from references to "The little woman," "better half," and "fair sex" — they sound, and are, condescending.

Many gals give guys the air simply because they lack confidence. They are afraid you might hurt them later, so they reject you first. So always let a girl know you like her.

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When you give a girl a gift forget about giving something that will directly remind her of you. You may love poetry, but she may have no use for it. Give her something she really wants, something she will really use — so she can think of you often as the person who gave it to her.

If you're buying a girl perfume, don't give the "girl-next-door" type. She'll buy that for herself. Get her the torrid kind, even if she is a bookworm. Always emphasize a girl's femininity. Be prepared to open doors for her and help her on with her coat. Sometimes a girl prefers to do these things for herself — but be ready when she expects you to do it.

There's a story about a young student who, unshaven and unbathed, and wearing dungarees, took out his favorite girl. He reasoned: if she really loves me, she'll love me as I really am. In spite of skeptics, the girl married him. They lived happily ever after — on his father's millions.

Most of the time, though, good grooming does count, and heavily. A girl takes it as a compliment when her date tries to look his best — and as an insult when he doesn't.

Flattery is a man's great weapon in the battle of the sexes, but consideration is the great pacifier. If you are dining with a woman who wears a mink coat, don't place it over the back of her chair — place it over the back of an unoccupied chair. She'll appreciate it. And if you see that she has a new hair-do, don't take her ice-skating.

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Returning Lettermen Have Been Listed

Mr. Earl Baker, NWMSC football coach, states that without six outstanding players of the 1960 team, the squad will have to struggle to keep up this fall.

The graduation of six starters of the 1960 MIAA conference third-place team will leave hard-to-fill gaps this fall according to Baker. Those players are Dorsey Templeton and George Weed, tackles; Ron Ives and Jack Lasley, ends; and Ken Sanders and Maurice Fulton, backs. Templeton, Ives and Sanders were first team all-conference selections at the close of last year's season.

Baker will issue 50 invitations for the first practice, August 28. Included in the list will be several incoming freshmen.

"I don't know how good the freshmen are or how definite their enrollments are," he stated.

Baker will have only three weeks to whip his team into shape before their first test against Northern Illinois State University at Normal on September 16. The Illinois team is new to the Bearcat schedule, replacing Bemidji, Minnesota State, the opening foe for the Bearcats last year.

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